

CROSS-REFERENCE TO RELATED APPLICATION

This application is a divisional of pending application No. 09/239,686 filed January 29, 1999.

BACKGROUND OF THE INVENTION

1. Field of the Invention

The present invention relates to an optical scanning apparatus, and more particularly to an optical scanning apparatus which is constructed to correct a change in the curvature of field of a lens caused by an operating temperature change so as to form a small-diameter optical beam spot on a surface to be scanned regardless of changes in the operating temperature.

2. Description of Related Art

An optical scanning apparatus is often provided in laser printers, digital copying machines or facsimile machines. It is also well known to use plastic material for manufacturing a lens to reduce the cost of the lens or to form a surface of the lens so as to have a specific shape. For a scanning image forming lens used for forming a deflected light flux into an image on a scanning surface, there are proposed various lens shapes for correcting the curvature of field and the constant velocity characteristics, and plastic material is known to be suitable

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